

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/000791

A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl.<sup>7</sup> C04B35/581, C04B41/87

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.<sup>7</sup> C04B35/00-35/64, C04B41/80-41/91

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2005  
Kokai Jitsuyo Shinan Koho 1971-2005 Toroku Jitsuyo Shinan Koho 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	Hiroyuki FUKUYAMA, Tetsuharu TAGAMI, Kazuhiro NAGATA, "Chikka Aluminium no Koon Sanka Kiko no Kaimei to Atarashii Hyomen Kaishitsuho no Kaihatsu", The Mining and Materials Processing Institute of Japan Shuki Taikai Kumamoto, 23 September, 2002 (23.09.02), (D)D3-13, pages 351 to 352	2-5 1,6-10
Y	JP 2002-274949 A (Yugen Kaisha Yamaguchi TLO), 25 September, 2002 (25.09.02), Par. No. [0042] (Family: none)	1,6-10
Y	JP 2000-150752 A (Hitachi, Ltd.), 30 May, 2000 (30.05.00), Claim 1 (Family: none)	6

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance  
"E" earlier application or patent but published on or after the international filing date  
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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
"&" document member of the same patent family

Date of the actual completion of the international search  
05 April, 2005 (05.04.05)

Date of mailing of the international search report  
26 April, 2005 (26.04.05)

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PCT/JP2005/000791

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2001-181049 A (Kyocera Corp.), 03 July, 2001 (03.07.01), Par. No. [0044]; Fig. 1 (Family: none)	7, 8, 10
Y	JP 09-232409 A (Kyocera Corp.), 05 September, 1997 (05.09.97), Claims 1, 2 (Family: none)	9
A	JP 02-083285 A (Hitachi, Ltd.), 23 March, 1990 (23.03.90), Page 3, upper left column to lower left column (Family: none)	1-10
A	JP 03-125463 A (Mitsubishi Metal Corp.), 28 May, 1991 (28.05.91), Page 3, lower right column (Family: none)	1-10
A	JP 2000-119080 A (Furukawa Kikai Kinzoku Kabushiki Kaisha), 25 April, 2000 (25.04.00), Par. No. [0023] (Family: none)	1-10
A	JP 04-092869 A (Hitachi Metals, Ltd.), 25 March, 1992 (25.03.92), Page 2, lower right column (Family: none)	1-10